

#5

Attorney Docket: 3103/44139
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: ELIEZER RACHAMAN ET AL.

Serial No.: 09/029,543 Group Art Unit:

Filed: FEBRUARY 26, 1998 Examiner:

Title: PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

SUBSTITUTE POWER OF ATTORNEY UNDER 37 CFR.1.32

BOX PCT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

THE STATE OF ISRAEL, Prime Ministers Office Israel Institute for Biological Research, the assignee of the entire right, title and interest in and to the above-identified application, by virtue of an assignment dated December 3, 1998, and filed for recording on December 8, 1998, a copy of which is attached hereto, hereby elects to prosecute the application to the exclusion of the inventors pursuant to 37 CFR 1.32, and hereby appoints the following as its attorneys in this case to prosecute this application, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the letters patent:

Martin Fleit, Reg. No. 16,900; Herbert I. Cantor, Reg. No. 24,392; James F. McKeown, Reg. No. 25,406; Donald D. Evenson, Reg. No. 26,160; Joseph D. Evans, Reg. No. 26,269; Gary R. Edwards, Reg. No. 31,824; and Jeffrey D. Sanok, Reg. No. 32,169.

7

Serial No. 09/029,543

Please continue to address all correspondence to:

EVENSON, McKEOWN, EDWARDS
& LENAHAN, P.L.L.C.
1200 G Street, N.W., Suite 700
Washington, DC 20005
Telephone No.: (202) 628-8800

Respectfully submitted,

By: Eytan Dotan
Deputy Managing Director
Title: for Finance

Date: 28/12/98

03 DEC '98 11:50

P.1

PHONE NO. : 2226268229

Dec. 02 1998 05:11PM PS

EVENSON MCKEOWN

Attorney Docket No.: 3103/44139

U.S. Rights--Sale or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

**THE STATE OF ISRAEL, Prime Ministers Office
Israel Institute for Biological Research
P.O. Box 19**

74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith.
☒ was filed as PCT international application Number PCT/IL96/00083
on August 29, 1995
☒ Serial No. 09/029,543, filed February 26, 1998.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, MCKEOWN, EDWARDS & LEHMAN, P.C., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

RECEIVED TIMEDEC. 6. - 9:44AM-

PRINT TIMEDEC. 6. - 9:51AM

29702 . 5u

03 DEC '98 11:51

III

PHONE NO. : 2026286329

Dec. 02 1993 25:12PM PS

NAME: EVENSON, MICHAEL

ASSIGNMENT

Page 2 of 2

Attorney Docket No: 3103/44139

INVENTOR:
Citizenship:
Post Office Address:
Residence:

Eliszer RACHAMAN
Israeli
8/A Hertzog
76182 Rehovot, Israel
Rehovot, ISRAEL

Dec. 3. 1998
(date)

DR. E. RACHIMAN
(Signature of 1st Inventor)

INVENTOR:
Citizenship:
Post Office Address:
Residence:

Elijah HELDMAN
Israel
9 Simtat Hamuchtar
76503 Rehovot, Israel
Rehovot, ISRAEL

(date)

(Signature of 2nd Investor)

INVENTOR:
Citizenship:
Post Office Address:
Residence:

Rachel ADANI
Israeli
76605 Moshav Gealia
Israel
Moshav Gealia, ISRAEL

(450)

(signature of 3rd Inventor)

INVENTOR:
Citizenship:
Post Office Address:
Residence:

Gabriel AMITAI
Israeli
36 Sireni Street
76229 Rehovot, Israel
Rehovot, ISRAEL

(date)

(signature of AEA inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

RECEIVED TIMEDEC. 6. 9:44AM

PRINT TIMEDEC. 6. 9:51AM

Attorney Docket No.: 3103/44139

U.S. Rights--Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

THE STATE OF ISRAEL, Prime Ministers Office
Israel Institute for Biological Research
P.O. Box 19
74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,
☒ was filed as PCT international application Number PCT/IL96/00082
on August 22, 1996
☒ Serial No. 09/929,543, filed February 26, 1998.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSEN, MOKEGLIN, EDWARDS & LUKARAN, P.L.L.C., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

- - - RECEIVED TIMEDEC. 6. - 9:44AM - - - - -

PRINT TIMEDEC. 6. - 9:51AM

ASSIGNMENT
Page 2 of 2

Attorney Docket No: 3103/44139

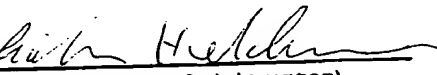
INVENTOR: Eliezer RACHAMAN
Citizenship: Israeli
Post Office Address/ 8/A Hertzog
76182 Rehovot, Israel
Residence: Rehovot, ISRAEL

(date)

(signature of 1st inventor)

INVENTOR: Eliahu HELDMAN
Citizenship: Israeli
Post Office Address/ 8 Simtat Hamuchtar
76503 Rehovot, Israel
Residence: Rehovot, ISRAEL

December 3, 1998
(date)


(signature of 2nd inventor)

INVENTOR Rachel ADANI
Citizenship: Israeli
Post Office Address/ 76885 Moshav Gealia
Israel
Residence: Moshav Gealia, ISRAEL

(date)

(signature of 3rd inventor)

INVENTOR: Gabriel AMITAI
Citizenship: Israeli
Post Office Address/ 36 Sireni Street
76229 Rehovot, Israel
Residence: Rehovot, ISRAEL

(date)

(signature of 4th inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

03 DEC '98 11:50

P.4

DM : EVENSON MCKEOWN

PHONE NO. : 202288829

Dec. 02 1999 05:11PM PS

Attorney Docket No.: 3103/44139

U.S. Rights--Sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

THE STATE OF ISRAEL, Prime Ministers Office
Israel Institute for Biological Research
P.O. Box 19
74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith.
☒ was filed as PCT International application Number PCT/IL96/00082
on August 28, 1996
☒ Serial No. 99/029,543, filed February 26, 1998.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, MCKEOWN, EDWARDS & LEVATY, P.L.L.C., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

03 DEC '98 11:51

ITEM

P.5

07 : EVENSON MCKEOWN

PHONE NO. : 2026286229

Dec. 02 1998 05:12PM P6

ASSIGNMENT
Page 2 of 2Attorney Docket No: 3303/44139

INVENTOR: Eliezer RACHAMAN
Citizenship: Israeli
Post Office Address: 8/A Hertzog
76182 Rehovot, Israel
Residence: Rehovot, ISRAEL

(date)

(signature of 1st inventor)

INVENTOR: Eliahu HEIDMAN
Citizenship: Israeli
Post Office Address: 8 Simtat Hamuchtar
76503 Rehovot, Israel
Residence: Rehovot, ISRAEL

(date)

(signature of 2nd inventor)

INVENTOR: Rachel ADAMI
Citizenship: Israeli
Post Office Address: 76885 Moshav Gealia
Israel
Residence: Moshav Gealia, ISRAEL

Dec 3, 1998
(date)

Rellie Adami
(signature of 3rd inventor)

x

INVENTOR: Gabriel METAI
Citizenship: Israeli
Post Office Address: 36 Sireni Street
76229 Rehovot, Israel
Residence: Rehovot, ISRAEL

(date)

(signature of 4th inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

RECEIVED TIMEDEC. 6. 9:44AM

PRINT TIMEDEC. 6. 9:51AM

03 DEC '98 11:50

11:50

P.4

J.: EVENSON MCKEOWN

PHONE NO. : 2026268829

Dec. 02 1998 25:11PM PS

Attorney Docket No.: 3103/44139

U.S. Rights--sole or Joint

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto:

THE STATE OF ISRAEL, Prime Ministers Office
Israel Institute for Biological Research
P.O. Box 19

74100 Ness Ziona, Israel

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to:

PYRIDINIUM DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

as set forth in his United States Patent Application (check one):

- ☐ executed concurrently herewith,
☒ was filed as PCT international application Number PCT/IL96/00082
on August 28, 1996
☒ Serial No. 09/029,541, filed February 26, 1998.

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of EVENSON, MCKEOWN, EDWARDS & LEXARON, P.L.L.C., or any partner thereof, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

6.DEC.1998 16:46

EITAN PEARL LATZER+COHEN-ZEDEK

.on792 .nu15

03 DEC '98 11:51

ILBR

P.5

PHONE NO. : 2026288929

Dec. 02 1998 05:12PM P6

JM: EVENSON MCKEOWN

ASSIGNMENT

Page 2 of 2

Attorney Docket No: 3103/44139

INVENTOR:
Citizenship:
Post Office Address/
Residence:

Eliotzer RACHAMAN
Israeli
8/A Hertzog
76182 Rehovot, Israel
Rehovot, ISRAEL

(date)

(signature of 1st inventor)

INVENTOR:
Citizenship:
Post Office Address/
Residence:

Eliahu HELDMAN
Israeli
9 Simlat Hamuchatz
76503 Rehovot, Israel
Rehovot, ISRAEL

(date)

(signature of 2nd inventor)

INVENTOR:
Citizenship:
Post Office Address/
Residence:

Rachel ADAMI
Israeli
76888 Moshav Gealia
Israel
Moshav Gealia, ISRAEL

(date)

(signature of 3rd inventor)

INVENTOR:
Citizenship:
Post Office Address/
Residence:

Gabriel METAL
Israeli
36 Sireni Street
76229 Rehovot, Israel
Rehovot, ISRAEL

Dec 3 1998
(date)

Gabriel Metal
(signature of 4th inventor)

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

--- RECEIVED TIMEDEC. 6. 9:44AM

PRINT TIMEDEC. 6. 9:50AM